

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2339	359,368,385,350,839,306,579.CCLS.	USPAT	OR	ON	2008/07/04 14:15
L2	2	L1 and piezoelectric and(generat\$3 or obtaining)and oscillatory adj movement and {deconvolut\$3 or deconvolv\$4 or deconvolveing)	USPAT	OR	ON	2008/07/04 14:16
L3	2	L2 and(PSF or point adj spread adj function)	USPAT	OR	ON	2008/07/04 14:16
L5	0	L3 and(OTF or optical adj transfer adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 14:20
S1	1031	(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:08
S2	22	(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and vary \$3 near3 focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:06
S3	17	(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag \$3 adj device and vary\$3 near3 focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:20
S4	15	S3 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:23
S5	15	S3 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:52

S6	0	{(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3 and blurred adj image\$1 and generat\$3 adj multidimensional\$1 and representat\$1 adj object	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 11:54
S7	3	{(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:17
S8	2	S7 and (@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:18
S9	0	S7 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:03
S10	0	S8 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:15
S11	2	S7 and (@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 12:48
S12	0	S7 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 12:45

S14	99	((("5003189") or ("5313070") or ("5315341") or ("5408085") or ("5422474") or ("6027843") or ("5259043") or ("5701361") or ("5966238") or ("6124924") or ("4474448") or ("4496832") or ("4559446") or ("4755662") or ("4993802") or ("5264961") or ("5294801") or ("5337115") or ("5367386") or ("5394268") or ("5426530") or ("5477302") or ("5530784") or ("5822345") or ("5828913") or ("5880455") or ("5883662") or ("5990925") or ("5995144") or ("6072511") or ("4258978") or ("4341953") or ("4345276") or ("4414575") or ("4436395") or ("4526458") or ("4561749") or ("4573784") or ("4602153") or ("4772912") or ("4792688") or ("4800261") or ("4816922") or ("4954701") or ("5191469") or ("5237167") or ("5241167") or ("5255107") or ("5262819") or ("5321527") or (").pn.")).PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 13:03
S15	96	S14 and @ad-c"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:14
S16	0	S15 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3 and generat\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:04
S17	5614	fluorescence adj imag\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:05
S18	1	S17 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and vary\$3 near3 focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:07
S19	0	S14 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and vary\$3 near3 focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:07
S20	1	S14 and S17	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:07

S21	183	S17 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:16
S22	19	S21 and(obtaining or generat\$3)and blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:41
S23	13	S22 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:27
S24	2	S23 and microscope adj imag\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:09
S25	2	S24 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:20
S26	0	S25 and piezoelectric	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:41
S27	0	S23 and cerevisiae	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:25
S28	0	S23 and generat\$3 adj oscillatory and movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:28

S29	1	S17 and generat\$3 adj oscillatory and movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:29
S30	1	S23 and (PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:31
S31	0	S30 and (OTF or optical adj transfer adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:31
S32	1	S30 and piezoelectric	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:58
S33	1	S32 and estimat\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 13:58
S34	0	S33 and (comparison or match\$3 or combin\$3)and estimat\$3 adj image\$1 and obtaining adj ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:00
S35	1	S33 and (comparison or match\$3 or combin\$3)and estimat\$3 adj image\$1 and ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:02
S36	0	S35 and velocity	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:03

S37	0	S35 and (velocity or speed)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:04
S38	0	S35 and shutter adj open	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:04
S39	0	S35 and shutter and open	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:04
S40	1	S35 and (movement or motion)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:59
S41	0	S40 and retrofit adj kit	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:06
S42	0	S40 and retrofit and kit	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:07
S43	0	S40 and retro	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:07
S44	1	S40 and (two or 2D or 2-D or two adj dimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:23

S45	1	S44 and optical adj imag\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:08
S46	1	((MICHAEL) near2 (DRESSER)).INV.	US-PGRUB; USPAT	OR	ON	2007/06/17 14:14
S47	3	((MICHAEL) near2 (DRESSER)).INV.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:17
S48	5	((JOSE-ANGEL) near2 (CONCHELLO)).INV.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:14
S49	1	S47 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3 and generat\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:11
S50	1	S48 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3 and generat\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:27
S51	0	S49 and(@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:18
S52	0	S50 and(@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:19
S53	6	((("5193124") or ("5778038") or ("6525302") or ("5671085).pn.")).PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/17 14:20

S54	0	S53 and (three adj dimensional\$1 or 3-D or 3D) and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near\$3 focus\$3 and generat\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:20
S55	6	S53 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:17
S56	1	S55 and (three adj dimensional\$1 or 3-D or 3D) and microscopy and deconvolut\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:22
S57	1	S56 and (obtaining or generat\$3) and blurred near\$3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:22
S58	0	S57 and microscope adj imag\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:22
S59	1	S57 and (two or 2D or 2-D or two adj dimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/17 14:23
S60	5618	fluorescence adj imag\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:09
S61	183	S60 and (three adj dimensional\$1 or 3-D or 3D) and microscopy and deconvolut\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:09



S62	19	S61 and (obtaining or generat\$3) and blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:49
S63	13	S62 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:12
S64	2	S63 and microscope adj imag\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:09
S65	3	((MICHAEL) near2 (DRESSER)).INV.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:11
S66	1	S65 and (three adj dimensional\$1 or 3-D or 3D) and microscope and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3 and generat\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:12
S67	0	S65 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:18
S68	1	S63 and (PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:13
S69	1	S68 and piezoelectric	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:13

S70	1	S69 and estimat\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:13
S71	1	S70 and (comparison or match\$3 or combin\$3)and estimat\$3 adj image\$1 and ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:08
S72	1	S71 and (movement or motion)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:13
S73	1	S72 and deconvolv\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 16:20
S74	2	"5193124".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:14
S75	17	((three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag \$3 adj device and vary\$3 near3 focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:18
S76	2	S75 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 16:19
S77	183	S60 and((three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:51

S78	6	((("5193124") or ("5778038") or ("6525302") or ("5671085).pn.")).PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/19 13:17
S79	6	S78 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/23 15:04
S80	0	S79 and deconvolv\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:54
S81	17	(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:40
S82	2	S81 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:19
S83	1	S81 and(obtaining or generat\$3)same blurred near3 image\$1 same vary adj focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:50
S84	0	S83 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:53
S85	1	S77 and(obtaining or generat\$3)same blurred near3 image\$1 same vary adj focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:51

S86	14	S86 and(three adj dimensional\$1 or 3-D or 3D)same microscopy same deconvolut\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:51
S87	1	S86 and(obtaining or generat\$3)same blurred near3 image\$1 same vary adj focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:53
S88	1	S86 and(obtaining or generat\$3)and blurred near3 image\$1 and vary adj focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:44
S89	1	S86 and(obtaining or generat\$3)same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:53
S90	4	S86 and(obtaining or generat\$3)and blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:53
S91	3	S90 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:53
S92	1	S91 and deconvolv\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 13:54
S93	2	"5737456".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 16:19

S94	1	S93 and deconvolv\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:09
S95	1	S93 and blurring	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:01
S96	1	S93 and (two adj dimensional\$1 or 2-D or 2D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:07
S97	0	S96 and projection	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:02
S98	0	S96 and project\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:03
S99	0	S96 and projected	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:03
S100	0	S96 and project	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:03
S101	1	S93 and (two adj dimensional\$1 or 2-D or 2D) same (three adj dimensional\$1 or 3D or 3-D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:15

SI02	0	S93 and flurescence	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:14
SI03	0	flurescence adj imag\$3 adj device	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:14
SI04	0	flurescence adj imaging	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:14
SI05	0	flurescence and imageing	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:15
SI06	27	flurescence and imaging	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:15
SI07	19	SI06 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:21
SI08	1	S93 and fluorescent	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/19 17:21
SI09	146	(OTF or optical adj transfer adj function)same(PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:01

S110	103	S109 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:02
S111	0	S110 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3 and imag\$3 adj device and vary\$3 near3 focus\$3 and generat\$3 adj blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:05
S112	0	S110 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and imag\$3 adj device and vary\$3 near3 focus\$3 and generat\$3 adj blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:05
S113	0	S110 and(three adj dimensional\$1 or 3-D or 3D)and vary\$3 near3 focus\$3 and generat\$3 adj blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:06
S114	0	S110 and(three adj dimensional\$1 or 3-D or 3D)and generat\$3 adj blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:06
S115	7	S110 and(three adj dimensional\$1 or 3-D or 3D)and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:06
S116	0	S115 and convolv\$3 and(comparison or match\$3 or combin\$3)and estimat\$3 adj image\$1 and ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:19
S117	1	S115 and convolv\$3 and(comparison or match\$3 or combin\$3)and estimat\$3 and ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:10

S118	35866	S117 and multiply\$3 and convolv\$3 and estimat\$3 and ratio and form an update adj object adj estimate	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:13
S119	0	S117 and multiply\$3 and convolv\$3 and estimat\$3 and ratio and form\$3 adj update adj object adj estimate	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:13
S120	0	S117 and(two adj dimensional\$1 or 2-D or 2D)same(three adj dimensional\$1 or 3D or 3-D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:15
S121	1	S117 and(two adj dimensional\$1 or 2-D or 2D)and project\$3 and(three adj dimensional\$1 or 3D or 3-D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:16
S122	0	S121 and(comparision or match\$3 or combin\$3)and estimat\$3 adj image\$1 and ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:20
S123	1	S121 and(comparision or match\$3 or combin\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:20
S124	0	S121 and(comparision or match\$3 or combin\$3)same estimat\$3 adj ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:21
S125	0	S121 and(comparision or match\$3 or combin\$3)and estimat\$3 adj ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:21



SI26	1	SI21 and (comparison or match\$3 or combin\$3) and estimat\$3 and ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:21
SI27	0	SI26 and mirror adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:22
SI28	1	SI26 and mirror and image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:22
SI29	1	SI26 and mirror	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/20 12:22
SI30	4	((("6671044") or ("6608682"))).PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:23
SI31	2	("5047968").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/23 15:23
SI32	0	("5737456.pn.").PN.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/23 10:38
SI33	2	"5737456".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:40

S134	0	S133 and display\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:38
S135	0	S133 and display	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:39
S136	0	S133 and displaying	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:39
S137	0	{obtaining or generat\$3}same blurred near3 image\$1 same vary adj focus\$3 same {motion or movement or vibrat\$3}same acquir\$3 adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:50
S138	0	{obtaining or generat\$3}same blurred near3 image\$1 same(motion or movement or vibrat\$3)same acquir\$3 adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:49
S139	56	{obtaining or generat\$3}same blurred near3 image\$1 and(motion or movement or vibrat\$3)same acquir\$3 adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:49
S140	56	{obtaining or generat\$3}same blurred near3 image\$1 and(motion or movement or vibrat\$3)same acquir\$4 adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:49
S141	0	{obtaining or generat\$3}same blurred near3 image\$1 and vary adj focus\$3 same {motion or movement or vibrat\$3}same acquir\$3 adj image\$1 same (ocd or camera or sensor\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:50

SI42	1	{obtaining or generat\$3}same blurred near3 image\$1 and vary adj focus\$3 and (motion or movement or vibrat\$3)same acquir\$3 adj image\$1 same (ocd or camera or sensor\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 10:51
SI43	2	{obtaining or generat\$3}same blurred near3 image\$1 and vary adj focus\$3 and (motion or movement or vibrat\$3)and acquir\$4 adj image\$1 same(ocd or camera or sensor\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:01
SI44	1	SI43 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:11
SI45	302	display\$3 same(movement or motion or moving or moved)same image\$1 adj device	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:09
SI46	0	SI45 and(obtaining or generat\$3 or capatur\$4 or acquir\$4)same blurred near3 image\$1 same vary adj focus\$3 and(motion or movement or vibrat\$3 or moving or moved)same image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:19
SI47	1	{obtaining or generat\$3 or capatur\$4 or acquir\$4}same blurred near3 image\$1 same vary adj focus\$3 and(motion or movement or vibrat\$3 or moving or moved)same image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:04
SI48	0	SI45 and(obtaining or generat\$3 or capatur\$4 or acquir\$4)same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:10
SI49	1	SI45 and(obtaining or generat\$3 or capatur\$4 or acquir\$4)same (blurred near3 image\$1 or out adj focus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:05

S150	390	display\$3 same(movement or motion or moving or moved) same image\$1 and (obtaining or generat\$3 or capatur\$4 or acquir\$4) same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:14
S152	279	S150 and(@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:15
S153	0	S152 and(deconvolut\$3 or deconvolve or deconvolveing) and vary\$3 near3 focus\$3 and generat\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:15
S154	3	(deconvolut\$3 or deconvolve or deconvolveing) and vary\$3 near3 focus\$3 and generat\$3 and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:21
S155	2	S154 and(@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:21
S156	2	S155 and(movement or motion or moving or moved) same image\$1 and (obtaining or general\$3 or capatur\$4 or acquir\$4) same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:17
S157	0	S156 and (one-dimensional or 1D or 1-D or one adj dimensional\$)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:18
S158	1	S154 and (one-dimensional or 1D or 1-D or one adj dimensional\$)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:39

SI59	79	SI50 and (one-dimensional or 1D or 1-D or one adj dimensional\$)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:15
SI60	43	SI59 and blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved)same image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:25
SI61	4	SI60 and(deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:29
SI62	0	SI61 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:41
SI63	36	SI60 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:28
SI64	24	SI60 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:26
SI65	17	SI63 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:31
SI66	4	SI63 and(deconvolut\$3 or deconvolve or deconvolveing or de adj convolut\$3 or convolut\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:32

SI67	4	SI66 and blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved)same image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:37
SI68	4	SI67 and (one-dimensional or 1D or 1-D or one adj dimensional\$)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:39
SI69	0	SI68 and shutter adj open	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:40
SI70	2	SI65 and shutter adj open	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:43
SI71	2	SI70 and(@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:58
SI72	0	SI70 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:41
SI73	0	SI70 and piezoelectric	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:44
SI74	0	SI65 and piezoelectric	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:44

S175	0	S160 and piezoelectric and (oscillatory adj movement or motion or moved)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:47
S176	4	S168 and (@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 11:58
S177	390	display\$3 same (movement or motion or moving or moved) same image\$1 and (obtaining or general\$3 or capatur\$4 or acquir\$4) same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:39
S178	79	S177 and (one-dimensional or 1D or 1-D or one adj dimensional\$)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:15
S179	2	S178 and blurred near3 image\$1 same (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera) same image\$1 same (general\$3 or obtaining) same blurred near3 image\$1 same (three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:44
S180	141775	"L2" and (@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:23
S181	2	S179 and (@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:27
S182	2	S181 and blurred near3 image\$1 same (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved) same image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:35

S183	1	S182 and (deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:32
S184	1	S182 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:34
S185	1	S182 and (deconvolut\$3 or deconvolve or deconvolveing or camera or de-convolut\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:35
S186	0	S182 and (deconvolut\$3 or deconvolve or deconvolveing or de-convolut\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:33
S187	0	S181 and (deconvolut\$3 or deconvolve or deconvolveing or de-convolut\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:33
S188	0	S181 and (deconvolut\$3 or deconvolve or deconvolveing or de-convolut\$3 or de adj convolut\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:34
S189	6	S178 and (deconvolut\$3 or deconvolve or deconvolveing or de-convolut\$3 or de adj convolut\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:41
S190	2	S189 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:41



SI91	0	SI89 and blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera) same image\$1 same(generat\$3 or obtaining)same blurred near3 image\$1 same (three adj dimensiona\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:37
SI92	4	SI89 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and image\$1 and(generat\$3 or obtaining)and blurred near3 image\$1 and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:39
SI93	0	SI92 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:37
SI94	4	SI92 and(generat\$3 or obtaining)and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:40
SI95	0	SI92 and(generat\$3 or obtaining)same(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:40
SI96	0	SI89 and(generat\$3 or obtaining)same(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:40
SI97	4	SI89 and(generat\$3 or obtaining or reconstruct\$3)and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:42
SI98	0	SI97 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:40

S199	2	"5737456".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:05
S200	0	S199 and display\$3 same(movement or motion or moving or moved)same image\$1 and(obtaining or generat\$3 or capatur\$4 or acquir\$4)same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:45
S201	0	S199 and display\$3 and(movement or motion or moving or moved)and image\$1 and (obtaining or generat\$3 or capatur\$4 or acquir\$4)and blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 15:46
S202	2	"6888566".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:05
S203	14	image\$1 adj device same(movement or motion or moving or moved)same image\$1 and(obtaining or generat\$3 or capatur\$4 or acquir\$4)same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:40
S204	11	S203 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:11
S205	2	S204 and(deconvolut\$3 or deconvolve or deconvolveing or de-convolut\$3 or de adj convolut\$3 or convolver)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:11
S206	0	S205 and(generat\$3 or obtaining or reconstruct\$3)and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:43

S207	0	S205 and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:45
S208	2	S205 and(generat\$3 or obtaining or reconstruct\$3)and image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:44
S209	2	S208 and blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:48
S210	2	S209 and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1 or dimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 16:45
S211	2	S208 and blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or exposure or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:07
S212	0	S208 and blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:07
S213	0	S208 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:08
S214	2	"6987530".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:08

S215	0	S214 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:08
S216	1	S214 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or exposure)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:10
S217	0	S204 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:10
S218	0	S203 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:10
S219	8	S203 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or focusing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:10
S220	6	S219 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:11
S221	0	S220 and(deconvolut\$3 or deconvolve or deconvolveing or de-convolut\$3 or de adj convolut\$3 or convolver)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/23 17:11
S222	6745	fluorescence adj imag\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 14:22

S223	205	S222 and(three adj dimensional\$1 or 3-D or 3D)and microscopy and deconvolut\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 14:22
S224	20	S223 and(obtaining or generat\$3)and blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 14:22
S225	13	S224 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 14:22
S226	1	S225 and (PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/16 14:22
S227	2219	blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and image\$1 and(generat\$3 or obtaining)and blurred near3 image\$1 and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:32
S228	52	S227 and deconvolv\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:33
S229	39	S228 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:34
S230	25	S228 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:34

S231	1371	S227 and (deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:35
S232	984	S231 and (@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:35
S233	732	S231 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:35
S234	36	blurred near3 image\$1 same (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera) same image\$1 same (generat\$3 or obtaining) same blurred near3 image\$1 same (three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:36
S235	29	S234 and (@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:36
S236	21	S234 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:37
S237	16	S236 and (deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:37
S238	1	S234 and (deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38

S239	0	S238 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S240	0	S237 and piezoelectric and (generat\$3 or obtaining)and oscillatory adj movement and focusing	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:42
S241	0	S237 and piezoelectric and oscillatory adj movement and focusing	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:42
S242	0	S237 and oscillatory adj movement and focusing	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:42
S243	0	S237 and oscillatory and movement and focusing	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:43
S244	2	S237 and velocity	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:48
S245	2	S244 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:49
S246	1	S238 and velocity and focus adj change	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:50

S247	0	S246 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:50
S248	1	S238 and velocity and focus	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:50
S249	36	blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)same image\$1 same(generat\$3 or obtaining)same blurred near3 image\$1 same(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:02
S250	21	S249 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:04
S251	0	S250 and(deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:05
S252	0	blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera or piezoelectric)same image\$1 same(generat\$3 or obtaining)same blurred near3 image\$1 same(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)same (deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:06
S253	119	blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera or piezoelectric)and image\$1 and(generat\$3 or obtaining)and blurred near3 image\$1 and(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)and(deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:08
S254	65	S253 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:08



S255	135	(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:11
S256	0	(camera or piezoelectric or imaging adj device)same image\$1 same(generat\$3 or obtaining)same oscillatory adj movement same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:12
S257	135	(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:12
S258	0	(camera or piezoelectric or imaging adj device)same image\$1 same(generat\$3 or obtaining)same oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:13
S259	96	S257 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:13
S260	1	S259 and(deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:14
S261	0	S260 and(obtaining or generat\$3)same blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:19
S262	0	S260 and(obtaining or generat\$3)and blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:19

S263	6913	piezoelectric same focus\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:35
S264	7050	piezoelectric same focus\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:35
S265	1729	S264 same imag\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:35
S266	1	S265 same(deconvolut\$3 or deconvolve or deconvolving)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:36
S267	1	S266 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:37
S268	0	S267 and blurred near3 image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:40
S269	0	S266 and(blurred near3 image\$1 or noisy or out adj focus or defocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:41
S270	0	S266 same(blurred near3 image\$1 or noisy or out adj focus or defocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:41

S271	40520	(speed or velocity)and(blurred near3 image\$1 or noisy or out adj focus or defocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:43
S272	6965	(speed or velocity)same(blurred near3 image\$1 or noisy or out adj focus or defocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:43
S273	10	S272 same(deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:43
S274	10	S273 same(blurred near3 image\$1 or noisy or out adj focus or defocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:44
S275	2	S274 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 16:44
S276	0	(camera or piezoelectric or imaging adj device)same image\$1 same(generat\$3 or obtaining)same oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 17:09
S277	1	S264 and S265 and S266	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 17:11
S278	0	S268 and(blurred near3 image\$1 or noisy or out adj focus or defocus)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/22 17:11

S279	405326	(camera or piezoelectric or imaging adj device) same image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:02
S280	390202	S279 and (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:03
S281	2434	S280 and piezoelectric same focus\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:04
S282	0	S281 and (camera or piezoelectric or imaging adj device) same image\$1 same (generat\$3 or obtaining) same oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:06
S283	1	S281 and blurred near\$3 image\$1 same (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera) same image\$1 same generat\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:06
S284	47	S281 and (deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:07
S285	3	S284 and blurred near\$3 image\$1 and (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera) and image\$1 and generat\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:09
S286	1	S285 and (@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:09

S287	1	S285 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:09
S288	0	S284 and(camera or piezoelectric or imaging adj device)same image\$1 same(generat\$3 or obtaining)same oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:11
S289	4	S284 and(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:12
S290	3	S289 and(@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:12
S291	1	S290 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:12
S292	1	S291 and (piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:15
S293	1	S291 and piezoelectric and(generat\$3 or obtaining)and oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:15
S294	1	S291 and piezoelectric	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:15

S295	2	"7209287".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:16
S296	1	S295 and piezoelectric	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:16
S297	0	S296 and(generat\$3 or obtaining)same oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:16
S298	1	S296 and(generat\$3 or obtaining)and oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:16
S299	1	S298 and(deconvolut\$3 or deconvolve or deconvolving)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:17
S300	0	S295 and piezoelectric same(generat\$3 or obtaining)same oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:20
S301	0	S295 and piezoelectric and(generat\$3 or obtaining)same oscillatory adj movement	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/26 14:21
S302	7245	382/154,173,190,255,254,260,264,263,274,275,128,229.OCLS.	USPAT	OR	ON	2008/05/26 14:25
S303	3515	piezoelectric same focus\$4	USPAT	OR	ON	2008/05/26 14:26
S304	8	S303 and(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement	USPAT	OR	ON	2008/05/26 14:27

S305	1	S304 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 14:28
S306	1	S305 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	USPAT	OR	ON	2008/05/26 14:28
S307	2202	359/368,385,350,839.CCLS	USPAT	OR	ON	2008/05/26 14:32
S308	36	S307 and piezoelectric same focus\$4	USPAT	OR	ON	2008/05/26 14:33
S309	1	S308 and(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement	USPAT	OR	ON	2008/05/26 14:33
S310	1	S309 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 14:33
S311	8417	250/458.1,201.8,204,208.1,201.2,204,223R,227.24,566,226.CCLS	USPAT	OR	ON	2008/05/26 14:36
S312	46	S311 and piezoelectric same focus\$4	USPAT	OR	ON	2008/05/26 14:37
S313	1	S312 and(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement	USPAT	OR	ON	2008/05/26 14:37
S314	1	S313 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 14:37
S315	0	(piezoelectric and focus\$4 and(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement and(deconvolut\$3 or deconvolve or deconvolveing)).QLM.	US-PGPUB	OR	ON	2008/05/26 14:39
S316	7513	blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and image\$1 and(generat\$3 or obtaining)and blurred near3 image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM TDB	OR	ON	2008/05/26 14:42
S317	113	S316 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 14:42
S318	9	S317 and(speed or velocity)same(blurred near3 image\$1 or noisy or out adj focus or defocus)	USPAT	OR	ON	2008/05/26 14:43
S319	6	S318 and(@ad<"20030218" or @riad<"20030218" or @prad<"20030218" or @ptad<"20030218")	USPAT	OR	ON	2008/05/26 14:44
S320	4	S318 and @ad<"20030218"	USPAT	OR	ON	2008/05/26 14:44
S321	3	S320 and velocity	USPAT	OR	ON	2008/05/26 14:57

S322	0	S321 and velocity adj controll\$3 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:00
S323	0	S321 and velocity adj(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:01
S324	376	S302 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and image\$1 and(generat\$3 or obtaining)and blurred near3 image\$1	USPAT	OR	ON	2008/05/26 15:08
S325	28	S324 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:08
S326	0	S325 and velocity adj controll\$3 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:09
S327	15	S325 and(speed or velocity)and(blurred near3 image\$1 or noisy or out adj focus or defocus)	USPAT	OR	ON	2008/05/26 15:10
S328	0	S327 and velocity adj controll\$3 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:11
S329	3	S327 and velocity	USPAT	OR	ON	2008/05/26 15:11
S330	1	"5550935".pn.	USPAT	OR	ON	2008/05/26 15:14
S331	1	S330 and velocity	USPAT	OR	ON	2008/05/26 15:15
S332	0	S331 and velocity same(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:16
S333	1	S331 and velocity and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:16
S334	0	S333 and velocity adj controll\$3 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and (deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:20
S335	21	S307 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and image\$1 and(generat\$3 or obtaining)and (blurred near3 image\$1 or noise or blurr)	USPAT	OR	ON	2008/05/26 15:23
S336	2	S335 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:23
S337	0	S336 and velocity adj controll\$3 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:23
S338	1	S336 and(speed or velocity)and(blurred near3 image\$1 or noisy or out adj focus or defocus)	USPAT	OR	ON	2008/05/26 15:24
S339	1	"7109459".pn.	USPAT	OR	ON	2008/05/26 15:30



S340	0	S339 and velocity adj controll\$3 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:30
S341	0	S339 and velocity and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:30
S342	1	S339 and speed and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:30
S343	129	S311 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and image\$1 and(generat\$3 or obtaining)and (blurred near3 image\$1 or noise or blur)	USPAT	OR	ON	2008/05/26 15:33
S344	7	S343 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:33
S345	3	S344 and velocity and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:34
S346	3	S344 and velocity same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:35
S347	3	S344 and (velocity or speed)same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:35
S348	3	S347 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:37
S349	76758	"348"/\$.cls.	USPAT	OR	ON	2008/05/26 15:38
S350	858	S349 and blurred near3 image\$1 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)and image\$1 and(generat\$3 or obtaining)and (blurred near3 image\$1 or noise or blur)	USPAT	OR	ON	2008/05/26 15:38
S351	16	S350 and(deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:38
S352	0	S351 and velocity adj controll\$3 and(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:38
S353	2	S351 and velocity adj(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:39
S354	2	S353 and @ad<"20030218"	USPAT	OR	ON	2008/05/26 15:39
S355	2	S354 and (velocity or speed)adj(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/05/26 15:40
S356	0	S349 and piezoelectric and focus\$4 and(camera or piezoelectric or imaging adj device)and image\$1 and(generat\$3 or obtaining)and oscillatory adj movement and (deconvolut\$3 or deconvolve or deconvolveing)	USPAT	OR	ON	2008/05/26 15:46

S357	0	{blurred near3 image\$1 and (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera) and image\$1 and (generat\$3 or obtaining) and (blurred near3 image\$1 or noise or blur) and (deconvolut\$3 or deconvolve or deconvolveing) and (velocity or speed) adj (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)). CLM.	USPAT	OR	ON	2008/05/26 15:49
S358	0	piezoelectric same focus\$4 same(camera or imaging adj device) same(generat\$3 or obtaining) same oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:18
S359	0	piezoelectric adj focus\$4 same(camera or imaging adj device) same(generat\$3 or obtaining) same oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:18
S360	0	piezoelectric adj focus\$4 same(generat\$3 or obtaining) same oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:18
S361	0	piezoelectric adj focus\$4 and (generat\$3 or obtaining) same oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:19
S362	0	piezoelectric near3 focus\$3 and (generat\$3 or obtaining) same oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:19
S363	0	piezoelectric near3 focus\$3 and (generat\$3 or obtaining) and oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:19
S364	199	piezoelectric and (generat\$3 or obtaining) and oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:20
S365	12	piezoelectric same(generat\$3 or obtaining) same oscillatory adj movement	USPAT	OR	ON	2008/05/31 22:20
S366	0	S365 and @ad<"20030218"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:21
S367	0	S365 and (obtaining or generat\$3) same blurred near3 image\$1 and vary adj focus\$3 same(motion or movement or vibrat\$3) same acquir\$3 adj image\$1 same (cod or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:25
S368	0	S365 and (obtaining or generat\$3) and blurred near3 image\$1 and (vary adj focus\$3 or motion or movement or vibrat\$3) same acquir\$3 adj image\$1 same (cod or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:26

S369	0	S365 and (obtaining or generat\$3) and blurred near3 image\$1 and (vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:27
S370	12	S365 and (obtaining or generat\$3) and (blurred near3 image\$1 or vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:27
S371	12	S365 and (obtaining or generat\$3) same (blurred near3 image\$1 or vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:28
S372	0	S371 and (deconvolut\$3 or deconvolve or deconvolveing)	US-PGRUB	OR	ON	2008/05/31 22:28
S373	0	S371 and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB	OR	ON	2008/05/31 22:29
S374	0	S371 and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:29
S375	0	S365 and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:29
S376	0	piezoelectric same (generat\$3 or obtaining) and oscillatory adj movement same (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:30
S377	4	piezoelectric and (generat\$3 or obtaining) and oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:30

S378	0	S377 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/31 22:31
S379	2	"6987530".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:01
S380	184	(OTF or optical adj transfer adj function)same(PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:03
S381	107	S380 and(@ad<"20030218" or @rlad<"20030218" or @prad<"20030218" or @ptlad<"20030218")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:03
S382	8	S381 and(three adj dimensional\$1 or 3-D or 3D)and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:03
S383	1	S382 and convolv\$3 and(comparison or match\$3 or combin\$3)and estimat\$3 and ratio	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:03
S384	12	piezoelectric same(generat\$3 or obtaining)same oscillatory adj movement	USPAT	OR	ON	2008/06/26 12:05
S385	12	S384 and(obtaining or generat\$3)same(blurred near3 image\$1 or vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:05
S386	10	S385 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:06

S387	36	blurred near3 image\$1 same(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)same image\$1 same(generat\$3 or obtaining)same blurred near3 image\$1 same(three adj dimensional\$1 or 3-D or 3D or multidimensional\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:08
S388	21	S387 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:08
S389	16	S388 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:08
S390	2	S389 and velocity	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:08
S391	2	S390 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:08
S392	12	S384 and(obtaining or generat\$3)same(blurred near3 image\$1 or vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:09
S393	10	S392 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:09
S394	0	S393 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:09

S395	1	S383 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:10
S396	1	S395 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:10
S397	0	S396 and piezoelectric and(generat\$3 or obtaining)and oscillatory adj movement	USPAT	OR	ON	2008/06/26 12:28
S398	200	piezoelectric and(generat\$3 or obtaining)and oscillatory adj movement	USPAT	OR	ON	2008/06/26 12:29
S399	180	S398 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:29
S400	133	S399 and(obtaining or generat\$3)same(blurred near3 image\$1 or vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:29
S401	11	S400 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:30
S402	0	S401 and(three adj dimensional\$1 or 3-D or 3D)and blurred adj image\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:30
S403	5	S401 and(three adj dimensional\$1 or 3-D or 3D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:30

S404	5	S403 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:31
S405	3	S404 and velocity	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:31
S406	0	S405 and velocity adj controll\$3 and (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/06/26 12:32
S407	3	S405 and velocity and (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/06/26 12:32
S408	3	S407 and (deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:32
S409	2	S408 and (two adj dimensional\$1 or 2-D or 2D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:33
S410	0	S409 and (PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:35
S411	1	S396 and (PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:35
S412	1	S411 and (OTF or optical adj transfer adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:37
S413	0	S412 and piezoelectric	USPAT	OR	ON	2008/06/26 12:38

S414	0	S408 and(PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:39
S415	5	piezoelectric and(generat\$3 or obtaining)and oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:39
S416	1	S415 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:40
S417	1	S416 and(obtaining or generat\$3)same(blurred near\$1 or vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:40
S418	1	S417 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:41
S419	1	S418 and(three adj dimensional\$1 or 3-D or 3D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:41
S420	1	S419 and(two adj dimensional\$1 or 2-D or 2D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:41
S421	1	S420 and(PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:42



S422	0	S421 and (OTF or optical adj transfer adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:42
S423	0	S421 and velocity and (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/06/26 12:42
S424	0	S421 and velocity	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:43
S425	0	S421 and velocity and focus adj change	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:43
S426	0	S421 and velocity and focus	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:43
S427	0	S421 and velocity	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:43
S428	1	S421 and (velocity or speed) adj (vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/06/26 12:44
S429	1	S428 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:44
S430	1	S429 and (generat\$3 or obtaining) and oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolving)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:45

S431	1	S430 and piezoelectric and (generat\$3 or obtaining) and oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:47
S432	1	S430 and piezoelectric same (generat\$3 or obtaining) and oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:47
S433	0	S430 and piezoelectric same (generat\$3 or obtaining) same oscillatory adj movement same (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:47
S434	0	S430 and piezoelectric same (generat\$3 or obtaining) same oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:47
S435	1	S430 and piezoelectric same (generat\$3 or obtaining) and oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/26 12:48
S436	5	piezoelectric and (generat\$3 or obtaining) and oscillatory adj movement and (deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S437	1	S436 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S438	1	S437 and (obtaining or generat\$3) same (blurred near\$1 or vary adj focus\$3 or motion or movement or vibrat\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06

S439	1	S438 and(deconvolut\$3 or deconvolve or deconvolveing or camera)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S440	1	S439 and(three adj dimensional\$1 or 3-D or 3D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S441	1	S440 and(two adj dimensional\$1 or 2-D or 2D)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S442	1	S441 and(PSF or point adj spread adj function)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S443	1	S442 and(velocity or speed)adj(vary adj focus\$3 or out adj focus or outfocus or motion or movement or vibrat\$3 or moving or moved or exposure or camera)	USPAT	OR	ON	2008/07/04 13:06
S444	1	S443 and @ad<"20030218"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S445	1	S444 and(generat\$3 or obtaining)and oscillatory adj movement and(deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06
S446	1	S445 and piezoelectric same(generat\$3 or obtaining)and oscillatory adj movement and(deconvolut\$3 or deconvolv\$4 or deconvolveing)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/04 13:06

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